

# Notice of Allowability

Application No.

10/021,913

Examiner

Thomas Duong

Applicant(s)

ZAUMEN ET AL.

Art Unit

2145

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to November 15, 2006.
2. ☒ The allowed claim(s) is/are 1-28.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
JASON CARDONE  
SUPERVISORY PATENT EXAMINER

## DETAILED ACTION

### ***Response to Arguments***

1. The Applicants' arguments and amendments filed on November 15, 2006 have been fully considered and are persuasive.

### ***Allowable Subject Matter***

2. *Claims 1-28* are allowed. The claims indicated include limitations that the prior arts of record do not appear to teach or render obvious, hence they are allowed.
3. The following is an examiner's statement of reasons for allowance:  
  
As presented in the previous Office Action, Astle et al. (US20010046372A1) discloses, *"the transmitting station also includes a control computer system 20 which provides control data on a line 22 to a combiner or multiplexer 22"* (Astle, pg.2, para.15). Hence, Astle teaches of the combiner or multiplexer receiving the user request for streaming data directly from the control computer system, which provides the control data to the combiner or multiplexer. Also presented in the previous Office Action, Pallmann (US006094684A) discloses, *"the DataSource parameter 508 is used in the [Link] section to specify the name of the file on the data source 104 (without drive, directory, or other account information) from which the data is being retrieved. This parameter specifies the location of the data 108 on the data source 104"* (Pallmann, col.14, lines 11-15). Hence, Pallmann teaches of the machine 102 receiving from the data source a set of parameter specifying the location of the data to be delivered to the requesting client.

However, the prior arts of record fail to teach or suggest individually or in combination as stated in the independent claims for *“sending a remote direct memory access (RDMA) request from the multiplexer to the data device; in response to the RDMA request, moving data from the data device to the multiplexer; and”* and in combination with other limitations as set forth in the independent claims, as well as Applicants’ arguments presented on pages 9-10 of the amendment filed on November 15, 2006. In the fore mentioned amendment, the Applicants argued, *“In contrast, the present invention teaches sending a remote direct memory access (RDMA) request to a data device, wherein the RDMA request identifies data that has been identified by a controller. In response to this RDMA request, the data device inserts the data directly into an outgoing data stream which is directed to a data terminal (see FIG. 3 and paragraphs [0034]-[0036] of the instant application). This is beneficial because it facilitates selecting the data and sending the data in the data stream without the data being passed through the controller.”* (pg.9, para.5 – pg.10, para.1).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

#### **Conclusion**

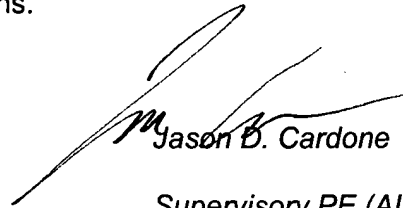
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas Duong whose telephone number is 571/272-3911. The examiner can normally be reached on M-F 7:30AM - 4:00PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Jason D. Cardone

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can be reached on 571/272-3933. The fax phone numbers for the organization where this application or proceeding is assigned are 571/273-8300 for regular communications and 571/273-8300 for After Final communications.

*Thomas Duong (AU2145)*

*February 5, 2007*



Jason D. Cardone

*Supervisory PE (AU2145)*